

MATTEL ELECTRONICS

ENGINEERING DECISION MEMO:

MTL-991-F

INSTRUCTIONS:

1. PRINT OR TYPE ONLY. PRINT TO BE AT LEAST 5/32"
2. USE ONE EDM NUMBER PER EACH DRAWING REVISED.

REASON FOR EDM: (SPECIFY ONE OR MORE)

- | | |
|--|--|
| <input type="checkbox"/> TRANS TEST IMPROVEMENT | DESIGN IMPROVEMENT |
| <input type="checkbox"/> ERROR/OMISSION | <input checked="" type="checkbox"/> FUNCTION |
| <input type="checkbox"/> PARTS LIST RELEASE/REVISION | <input type="checkbox"/> APPEARANCE |
| <input type="checkbox"/> NEW PART - ADD TO FINAL RELEASE | <input type="checkbox"/> DURABILITY |
| <input type="checkbox"/> NEW PART - ORIGINAL FINAL RELEASE | <input type="checkbox"/> PIP |
| <input type="checkbox"/> INFORMATION ONLY | <input type="checkbox"/> MANUFACTURING |
| <input type="checkbox"/> RELEASE LEGAL INFORMATION | <input type="checkbox"/> MATERIAL/SAMPLING |
| <input type="checkbox"/> OTHER: (BE SPECIFIC) | |

COMMENTS:

FOR FUTURE PROCUREMENT

1149-7809 REPLACES

1149-9809 REV F

DOCUMENT CONTROL

REV R PARTS LIST IS

STILL ACTIVE. DO NOT

DESTROY!

DISPOSITION OF MATERIAL:

- ☐ NO EFFECT
☐ YES ☐ NO
 ESTIMATED COST \$

COMMENTS:

1149-9809 REV F PARTS MAKE OK

1149-269

EDM NUMBER

TOY NAME

KEYBOARD COMPONENT

PART/ASSEMBLY NAME

SEE BELOW

NEW DRAWING LETTER

FINAL PACKOUT POINT (PLANT)

DOMESTIC

PART/ASSEMBLY NUMBER

SEE BELOW

ACTION TO BE TAKEN:

EXISTING DWG LTR

R

RELEASE FOR PRODUCTION

1149-9991 KEYBOARD COMPONENT SYSTEM

LEVEL PARTS LIST

1) UP DATED DRAWING REV LETTERS

2) ADDS COMPUTER III TO SYSTEM

FOR COMPUTER III DETAIL REFERENCE

1149-7809 PARTS LIST

| SPECIAL DISTRIBUTION | | SPECIAL DISTRIBUTION | |
|----------------------|------------------|----------------------|------|
| DEPT. | NAME | M.S. | PLT. |
| ELEC | BUIS COWELL | 126 | 1 |
| ELEC | ALAN NASH | 126 | 1 |
| ELEC | JOHN LISHMAN | 126 | 1 |
| ELEC | CHUCK RUDD | 126 | 1 |
| ELEC | DAVE CHANDLER | 126 | 1 |
| ELEC | C MCALLISTER | 126 | 1 |
| ELEC | RICARDO BAILEY | 126 | 1 |
| ELEC | VIGANITO MARTINE | 126 | 1 |

(SPECIFY ONE OR MORE)
☒ DRAWING RELEASED/REVISED
☐ MARKED PRINT REVISED
☐ UP-DATE PART (TOOL) TO PRINT
☐ UP-DATE PRINT TO PART (TOOL)
☐ UP-DATE/RELEASE PARTS LIST
☐ UP-DATE/RELEASE FLOW CHART
☐ PURCHASE PARTS
☐ NO ACTION REQUIRED. FOLLOW-UP COMPLETED
☐ OTHER (BE SPECIFIC)

HARD COST IMPACT:
☐ INCREASE ☐ NO EFFECT
☐ DECREASE
 ESTIMATED AMT \$

TOOL COST:
☐ NO EFFECT
 COMPLETED BY TOOL ENGINEER OR PURCHASING AGENT.
 ESTIMATED COST
 CHARGE TO BUDGET
 ECO ☐ TCO ☐ S & A ☐
 ESTIMATED BY: \$

DISPOSITION OF MATERIAL: ☐ NO EFFECT
 STOPS MATERIAL RELEASE ☐ YES ☐ NO
 ESTIMATED COST \$

COMMENTS:
 1149-9809 REV F PARTS MAKE OK

| | | | |
|---|--|------------------------------------|----------------------------|
| PROJECT MANAGER/DATE Charles W. Rudd 6/19/81 | | FOR ENGINEERING DOCUMENTATION ONLY | |
| INITIATOR/DATE JOHN H LISHMAN | | DATE REC'D JUN 25 1981 | DATE ISSUED JUN 25 1981 |
| | | CODE 1 | |

TOY NAME

TOY NAME

1149-9991 (S) (1980)

MTL-913-H

PARTS LIST

CONFIDENTIAL

CONFIDENTIAL
TOY NO 1149-9991 (R) (1980)

TOY NAME

KEYBOARD COMPONENT
SYSTEM LEVEL PARTS LIST (1981)

TOY NO.

[illegible]

CONFIDENTIAL

SYSTEM LEVEL PARTS LIST (1981)

1149-9991 (R) (1980)

TOY NAME

LIST

(1981)

[illegible]

CONFIDENTIAL

KEYBOARD COMPONENT
SYSTEM LEVEL PARTS LIST (1981)

| LTR. CHG. | | PART NUMBER | DWG. SIZE | NUMBER REQUIRED NEXT ASSEMBLY | | | | | | TOTAL | NAME | PART DESCRIPTION | UNIT OF MEAS. | SOURCE | PR CL |
|-----------|--|---|-----------|-------------------------------|---|----|---|---|---|-------|---------------------------------|--|---------------|--------|-------|
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | |
| | | 0405-0314 | | | | 4 | | | | 4 | Screw, 10-16 x 3/8 | Steel, phillips, pan head, black oxide, HI-LO (XFMR Brackets to Lower Housing) | ea | | 1 |
| | | 0405-0284 | | | | 2 | | | | 2 | Screw, 8-18 x 5/8 | Steel, phillips, pan head, black oxide, HI-LO (XFMR Receptacle to Lower Housing) | ea | | 1 |
| | | 0405-0284 | | | | 14 | | | | 14 | Screw, 8-18 x 5/8 | Steel, phillips (TCA, COM II Assy to Lower Housing) | ea | | 1 |
| | | 0405-0294 | | | | 3 | | | | 3 | Screw, 8-18 x 5/16 | Steel, phillips (SPS Assy to Lower Housing) | ea | | |
| r | | 1149-7809 | D | | | 1 | | | | 1 | COMPUTER III ASSEMBLY | | ea | | 3 |
| s | | 1149-9409 | D | | | 1 | | | | 1 | TAPE CONTROL ASSEMBLY | | ea | | 3 |
| r | | 1149-9219 | D | | | 1 | | | | 1 | SWITCHING POWER SUPPLY ASSEMBLY | | ea | | 3 |
| s | | 1149-0230 | D | | | 1 | | | | 1 | Insulator, TCA | (Inserted under Tape Control Assy) | ea | | 3 |
| | | 0405-0284 | | | 9 | | | | | 9 | Screw, 8-18 x 5/8 | Steel, phillips, pan head, black oxide, HI-LO (Upper housing to lower housing) | ea | | 1 |
| REVISION | | | | | | | | | | | | | | | |
| NUMBER | | INITIAL RELEASE of -9991 | | | | | | | | | | APD | DATE | | |
| 1149-025 | | | | | | | | | | | | jhl | 11/2/79 | | |
| 1149-262 | | Reissued; Computer II Assy, Tape Control Assy, Switching Power Supply Assy: itemized component parts lists moved to newly issued parts lists 1149-9809, 1149-9609, 1149-9219 respectively | | | | | | | | | | | | | |
| 1149-269 | | 1149-7809 supercedes 1149-9809 for future production; added REV A to 1149-0230, 1149-9409 supercedes 1149-9609 for future production. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

CONFIDENTIAL

KEYBOARD COMPONENT

TOY NAME SYSTEM LEVEL PARTS LIST (1981)

1149-9991 (R) (1980)

TOY NO.

[illegible]